

THE DOREY GROUP

For 70 years, we have been manufacturing, adapting and servicing industrial machinery offered to its customers in various sectors.

Founded by Georges Dorey, the company first grew in the shoe and leather industries by following the technological changes of its time for the manufacturers of the whole world.

Today, our main activity is the design of industrial solutions for the cutting, welding and converting industries.

Our goal is to be able to provide our customers with a global vision of the market all around the world. With a presence in Europe, on the American continent, we can meet all demands from any size company with a worldwide presence or wanted to expand internationally.



HOW WE WORK

✓ INNOVATION

We don't follow. We Evolve. Our solutions are designed with constant evolution in mind, both in production and in cutting-edge technologies to remain at the forefront of an ever-changing market.

✓ TEAMWORK

Our team consists of skilled and forward-thinking engineers. From R&D and testing to quality assurance and delivery, we work as a team to ensure your satisfaction. Your success is our success!

✓ FLEXIBILITY

We learn and adapt. Experience has taught us that today's industries and markets are rapidly evolving. So we've learned to adapt our services and our solutions to make each customer evolve with us.

✓ CUSTOMIZE

We listen to you, help you realize your projects, and work to exceed your expectations. We study your current process of manufacturing, so we can add value to the present and the future. And we stay out in front of an industry that is changing and presenting new opportunities every day.

WHY CHOOSE US ?

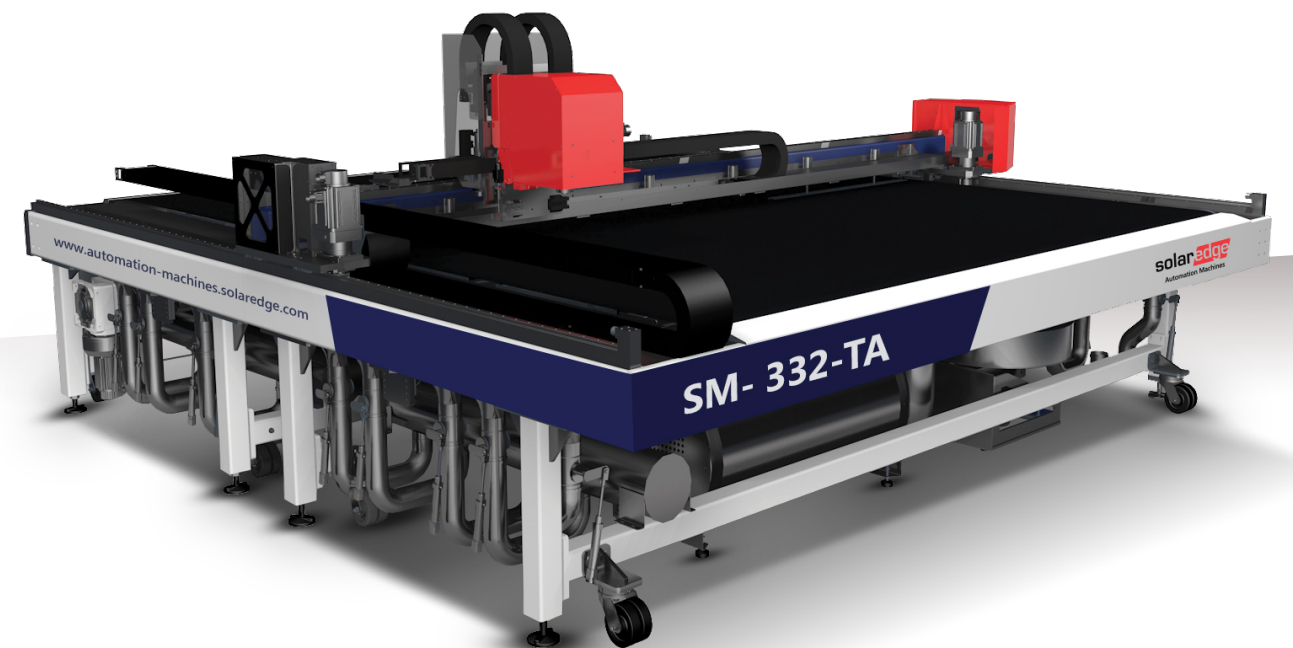
You'll benefit from our experience helping companies automate successfully since 1956 with more than 5000 machines and systems delivered in more than 100 countries in the world.

Our long term partnership with Global Manufacturer of machines

Our view and expertise in a large variety of industries, technologies, technical products

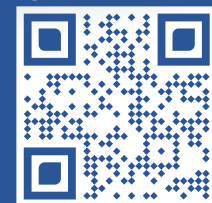
We're proud to offer great customers service with:

- ◆ Friendly, accessible support
- ◆ Very affordable service contracts
- ◆ Service platforms based in France and USA
- ◆ Training session in our demo room and on customer's site.



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SOLAR EDGE SM-332-TA

DIGITAL CUTTING SYSTEM

FAST, PRECISE AND VERSATILE

After two decades of experience in developing automated cutting systems SolarEdge Automation Machines introduces a new digital cutting machine with a conveyor belt.

Combining a top speed of 90 m/min and an acceleration of up to 1G (10m/s²), together with high-precision industrial cutting tools and specifically developed software, SM-332-TA is an ideal solution for cutting very large shapes out of specialty fabrics and industrial textiles.

The SM-332-TA was designed to ensure maximum production efficiency and is equipped with multiple marking and cutting tools.

The system is fast, precise, very versatile and ensures maximum manufacturing efficiency and quality products.

PRODUCT RANGE

- ◆ 1400 x 1500 mm
- ◆ 1800 x 2000 mm
- ◆ 2300 x 2000 mm
- ◆ 3200 x 2000 mm
- ◆ 3200 x 3000 mm
- ◆ 3500 x 3000 mm
- ◆ 5000 x 3000 mm
- ◆ 5000 x 4000 mm



STREAMLINE YOUR PRODUCTION



■ DRAG KNIFE

Drag knife allows for high cutting speeds on a wide range of fabrics and materials while delivering precision work. Suitable for straight cuts to very complex shapes.

■ MOTORIZED OR NOT MOTORIZED ROTARY BLADE

The rotary blade is a highly efficient and cost effective tool for single ply cutting of specialty fabrics; it cuts straight lines, curves, and circles.

■ OSCILLATING KNIFE

A powerful, electrically driven cutting tool that can create complex patterns in materials difficult to process with a drag knife.

■ V-CUT KNIFE

V-cut knife can be used when a 45 degrees cut must be performed on thick materials (for example on cardboard or reboard).

■ KISS CUT KNIFE

This tool is used to cut with great precision just one layer on a multi-layer material (for example adhesive films).

■ HUB

A twin tool hub enables the installation of a wide range of interchangeable tools in multiple combinations.

■ MILLING HEAD

This tool can cut bidimensional and tridi- mensional shapes on the heaviest materials like foams, forex and plexiglass.

■ LASER POINTER

Allows the operator to choose a new zero-point where the machine starts its cutting cycle.

■ MARKER PEN

Marker pen moves over the fabric following CAD-designs and makes reference marks, draws lines or even very complex shapes.

■ MOTORIZED ROTATING PUNCHING TOOL

This specific tool can punch holes in leather and also in heavy fabrics and many other materials such as industrial conveyor belts or panels in heavy PVC

■ CRADLE OR DIGITALLY CONTROLLED UNWINDER

This system automatically controls and manages the fabric tension allowing to correctly feed the material into the machine.

KEY ADVANTAGES



- ✓ **High moving speed, very fast acceleration, great cutting precision**
- ✓ **Multiple tools for efficient cutting cycles and high versatility**
- ✓ **Solid industrial structure**
- ✓ **Cutting and marking of large and very large patterns in a limited footprint**
- ✓ **Vacuum power with sectioned areas for total fabric control**
- ✓ **Suitable to process standard or jumbo rolls**
- ✓ **On board touch screen control panel**
- ✓ **Designed to Integrate with Your Order Management System**

FULL SOFTWARE SUITE

SM-332-TA cutting systems employ a series of software modules that turn this machine into a highly efficient digital cutting and marking solution.

■ EASY WORK XTREME 6.0 CAD/CAM FOR 2D CUTTING

Easy Work Xtreme is a powerful CAD/CAM design software designs that transforms our digital cutting systems into highly efficient instruments for cutting and marking.

■ NEW AUTOMATIC NESTING MODULE FOR COMPLEX SHAPES

The nesting software automatically and rapidly calculates the most efficient placement in the cutting area and cuts as many pieces as possible out of the available fabric.

■ SPLIT BOX

Designed to manage the production of patterns that are larger than the cutting frame or wider than the roll, Split Box automatically calculates the overlaps needed to bond the pieces after the cut.

■ EPMS (EASY PRODUCTION MANAGEMENT SYSTEM)

EPMS allows you to trace and track material availability for the traceability of the materials and warehouses and detects possible material shortage to complete a work order.

■ MACROS

Macros enable the operator to set up highly complex cutting jobs up by entering a limited number of key parameters.

MATERIALS

Materials that can be processed with SM-332-TA include:

- ◆ PVC & technical textiles
- ◆ Composites
- ◆ Cardboard
- ◆ Paper
- ◆ Reboard
- ◆ Conveyor belts
- ◆ Adhesive films
- ◆ Foam covered with plastic
- ◆ Foams
- ◆ Rubber
- ◆ Forex
- ◆ Leather
- ◆ Carpets
- ◆ Plastic materials
- ◆ Alucobond